



# *Senior Seminar*

# *Chemistry 509*

## *A New Senior Capstone Course in Chemistry*

This Spring Semester the Chemistry Department is offering a 2-credit senior seminar course. Students who take this course will hear a series of research oriented seminars from Chemistry Faculty and learn about cutting edge scientific investigations taking place on the Madison campus. Based on these lectures and with the help of the faculty, students will form groups and identify specific research challenges and then determine various routes to their solutions. These findings will be communicated both in class presentations and written assignments.

The class meets twice weekly at 9:55 with the presentation component on Friday and follow up discussions on either Monday or Wednesday. This course is designed as a capstone experience to the chemistry major. Prerequisites are: (i) Chemistry 561 or Chemistry 565 or CBE 310 and (ii) completion of or concurrent enrollment in Chemistry 563. This course will provide an integrative experience that requires students to synthesize the knowledge and skills that have been introduced across the Chemistry curriculum.

The learning outcomes of this course include building teamwork, communication, and assessment skills. This course will advance students' ability to articulate questions that will help them advance chemistry knowledge. Students will gain an understanding of the connection between the Chemistry curriculum and how its mastery allows one to begin to tackle complex chemical problems. .

For more information contact Professor Sibert at [elsibert@wisc.edu](mailto:elsibert@wisc.edu).

